

APR-03-02 17:17

FROM-GEN-PROBE EXECUTIVE OFFICE

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T-684 P.93

F-485

EXHIBIT J

Project No. _____

TITLE DNA Synthesis Purification Mtb A1906 RXL Y8 Book No. 1699

87

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1. Synthesis: BioLich 8750
 program #5 coupling #2
 #4

2. Chemistry: B-cyanoethyl
 phosphoramidite
 RXL-190mg 3mL Et₃CN
 A 120.6
 C 118.6
 G 126.4
 T 00.4095

SEQUENCE 1, 8-MER

5'-GTC-TTG-T (U)' 3'

Base

f

| | |
|----------|---|
| Cytosine | 1 |
| Guanine | 2 |
| Thymine | 4 |

Mtb A1906 RXL Y8

DMF

Purine:Pyrimidine = 2:5 = 0.40

SEQUENCE 1, 17-MER

5'-GGT-GGA-AAG-CGC-TTT-A (G)' 3'

Base

f

| | |
|----------|---|
| Adenine | 4 |
| Cytosine | 2 |
| Guanine | 7 |
| Thymine | 4 |

Cytosine #1

Purine:Pyrimidine = 11:6 = 1.83

3. Lost DMT on

4. Deblocked all resin

5. Crude = 13800

6. Sep- for purified

7. OD = 3.200/mf

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Witnessed & Understood by me,

Dat

Invented by

Date

Sherry Bee

Recorded by

Sherry Roberts



